

RFT120 – ALUMINIUM JOINTING TAPE

Technical Data Sheet

Version: 1.01 - October 2021



SIDERISE[®]
integrity in all we do

Acoustic, fire and thermal insulation specialists

Application

Siderise RFT120 Jointing Tape is a highly specified aluminium foil tape for use where long life, great adhesive strength or ultra violet resistance is required and is used to seal joints between adjacent units of Siderise cavity barriers and fire stop systems. RFT120 also provides additional resistance to the spread of smoke.

Product Description

A dead soft 30-micron aluminium foil tape coated with a long-lasting, ultraviolet resistant acrylic adhesive on one side, and lined with a release paper to protect the adhesive face.

Fire Performance

Siderise RFT120 has been used in multiple fire resistance tests including EN 1364-4, EN 1366-4, BS 8414, NFPA 285 and BS 476-20.

Depending on the Siderise cavity barrier or fire stop system, RFT120 can be used to help maintain up to 300 minutes integrity at joints.

Technical Specification

Siderise RFT120 - Jointing Tape

Property	Value
Form	Aluminium foil tape - silver
Width	120mm
Length	45m Rolls
Thickness	30µm foil 120µm total thickness including release paper
Shear	200 hours
Tensile strength without release liner	45N / 25mm
Peel adhesion	5%
Elongation	20 mins 14.5 N / 25mm; 60 mins 14.3 N / 25mm; 24 hours 19.4 N / 25mm
Looptack	12.0 N
Humidity shear test	4 hours
Application temperature	-20°C to +50°C. The surface must be free from ice or moisture.
Service temperature	-40°C to + 120°C. Can withstand 140°C for a few minutes.
Moisture vapour permeability	Less than 1g/m ² /24 hrs @ 38° & 90% RH

Environmental

Siderise RFT120 is environmentally friendly:

- They contain no Volatile Organic Compounds (VOCs) and no very Volatile Organic Compounds (VOCs).
- Zero Ozone Depleting Potential
- Zero Global Warming Potential
- Recyclable

Additional Information

For specific installation instructions for Siderise RFT120 please refer to the specific Cavity Barrier or Fire Stop system.

Technical Support

For Technical advice or support please contact: technical.services@siderise.com

For Installation Training or Site Inspections please contact: site.services@siderise.com

Context

The information in this datasheet is believed to be accurate at the date of publication. Siderise has a policy of continuous product improvement and reserves the right to alter or amend the specifications of products without prior notice. Siderise does not accept responsibility for the consequences of using the products described outside of the recommendations within this datasheet. Expert advice should be sought where there is any doubt about the correct specification or installation of Siderise products.

Published Version: RFT120_v1_01_20211027_1310

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